

ABSTRACT

1 A robust wireless communications system operable to provide
2 communications for mobile wireless devices. The wireless
3 communications system generally includes a management computing
4 system, wireless infrastructure, and mobile wireless devices.
5 The wireless infrastructure includes wireless infrastructure
6 devices having processing and storage capability. Similarly,
7 the mobile wireless devices include processing and storage
8 capability. Communication links between the management
9 computing system and wireless infrastructure, and wireless
10 infrastructure and mobile wireless devices are utilized to
11 downlink and uplink data. In operation, data generated at the
12 management computing system may be downloaded to the wireless
13 infrastructure and mobile wireless devices sequentially without
14 active simultaneous communication links. Similarly, data
15 generated at the mobile wireless devices may be uploaded to the
16 wireless infrastructure and management computing system without
17 active simultaneous communication links. Because the wireless
18 infrastructure and mobile wireless devices are intelligent,
19 decisions may be made independent of a communication link
20 existing with the management computing system.